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## -- 10 PATTERN FORMING APPARATUS

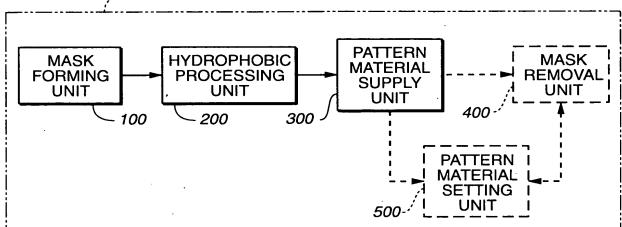


FIG.\_1

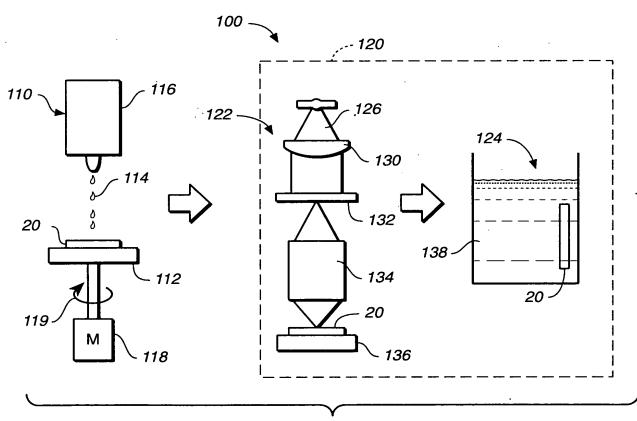
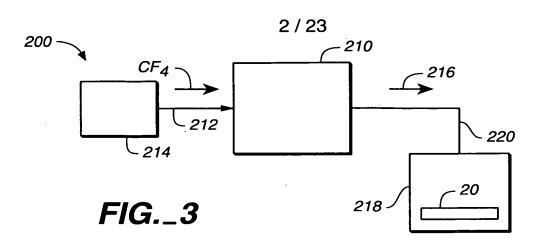
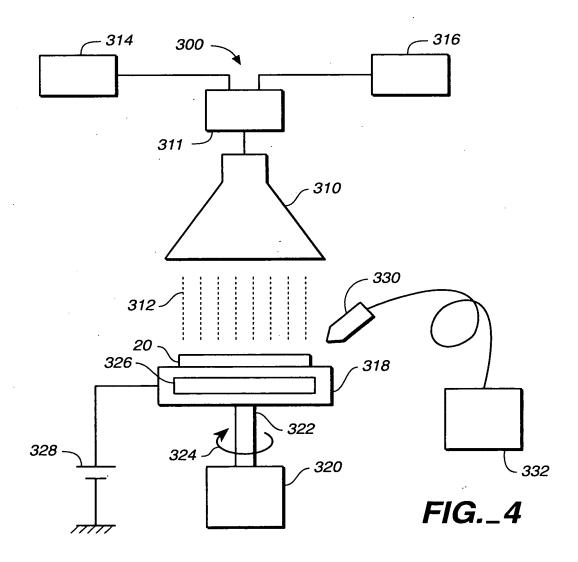


FIG.\_2





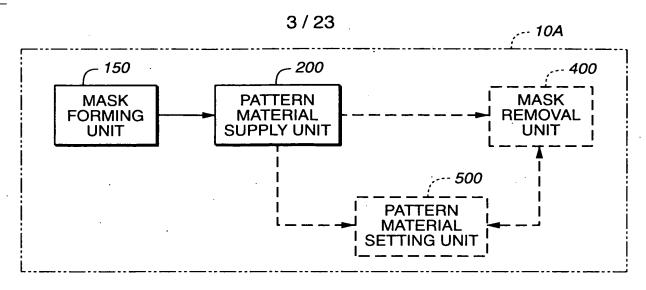
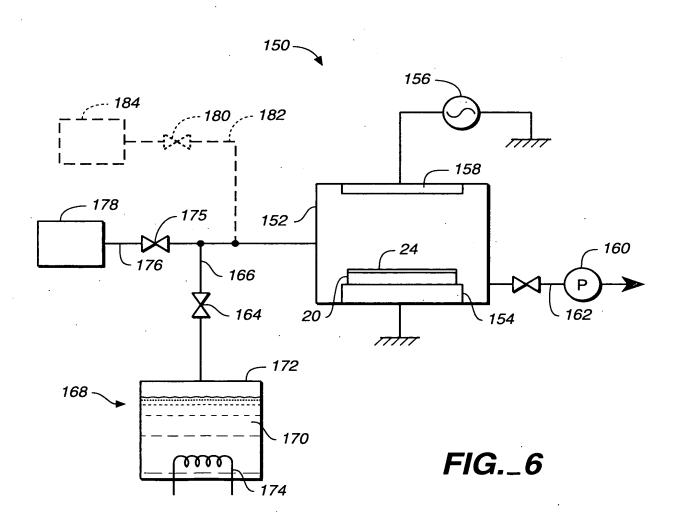
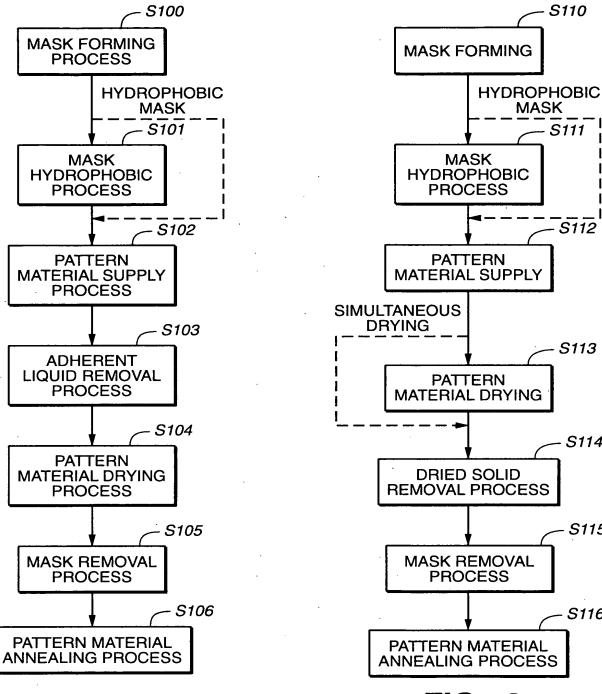


FIG.\_5



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**FIG.\_7** 

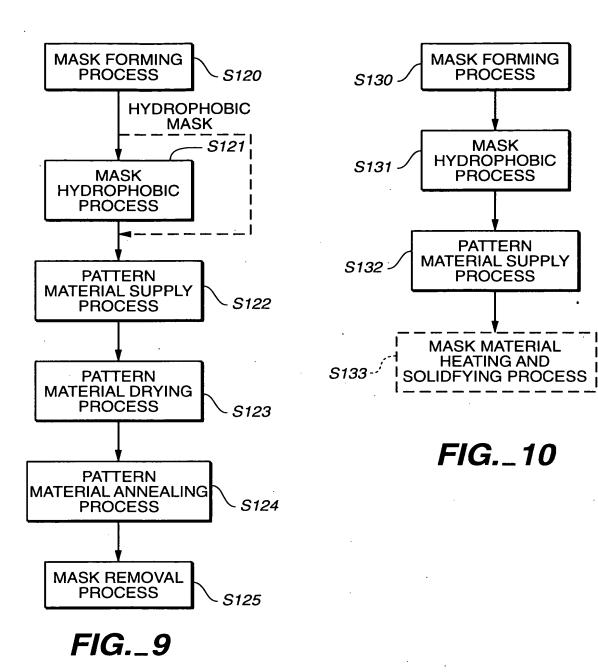
S113 MATERIAL DRYING S114 REMOVAL PROCESS S115 MASK REMOVAL - S116 PATTERN MATERIAL ANNEALING PROCESS FIG.\_8

- S110

S111

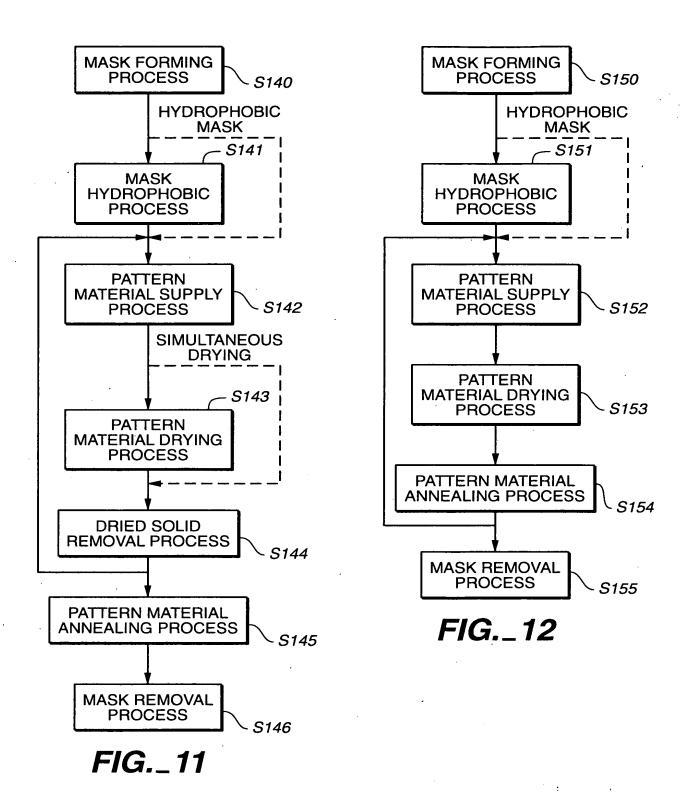
S112

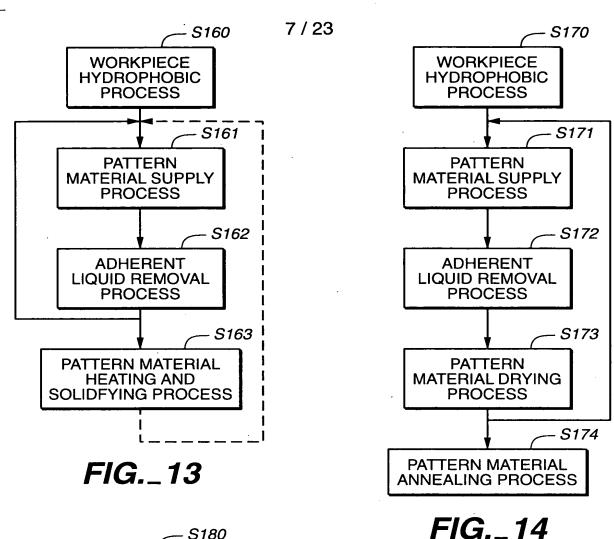
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+

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WORKPIECE
HYDROPHOBIC
PROCESS

S181

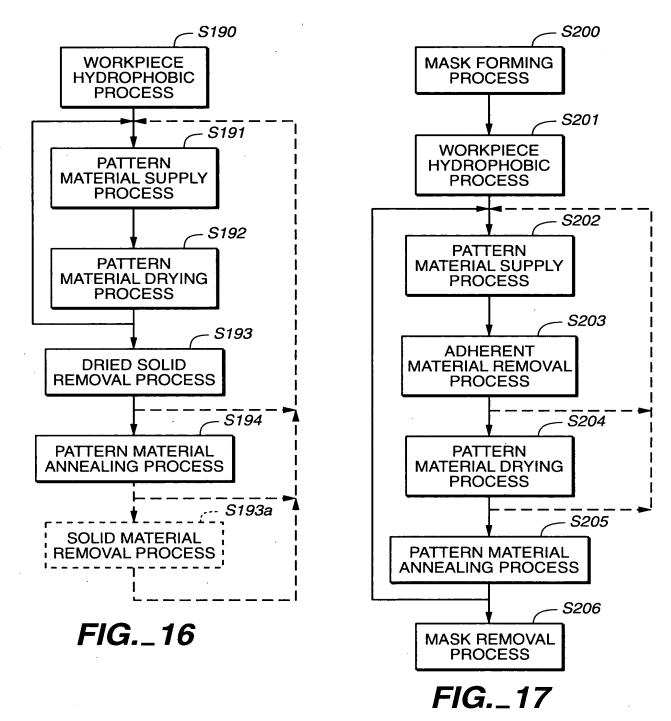
PATTERN
MATERIAL SUPPLY
PROCESS

S182

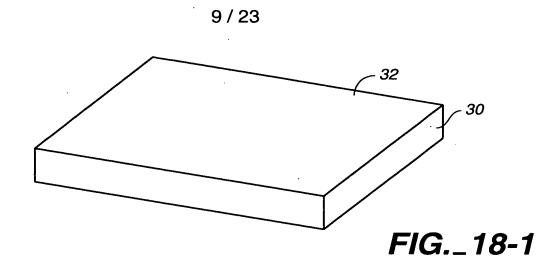
PATTERN MATERIAL
HEATING AND
SOLIDIFICATION

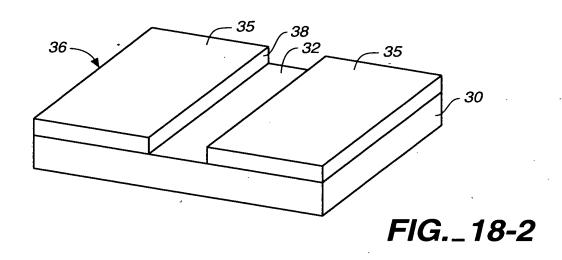
FIG.\_15

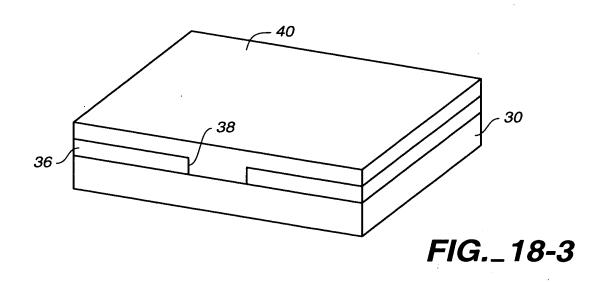
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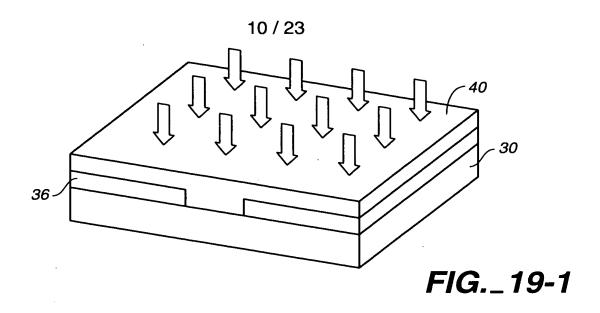


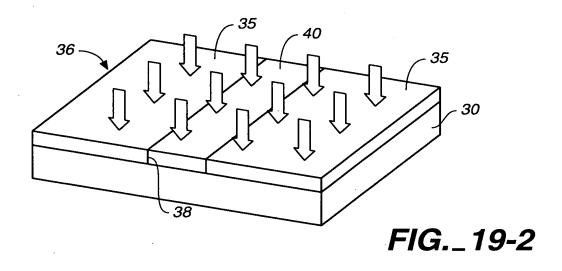
+

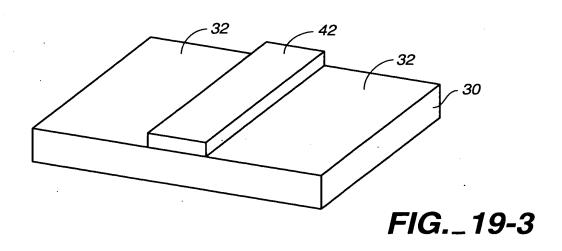












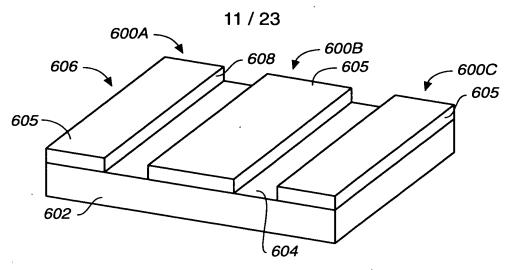
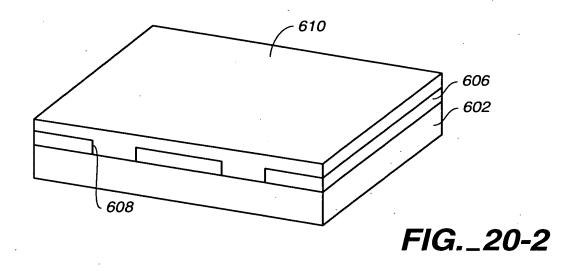
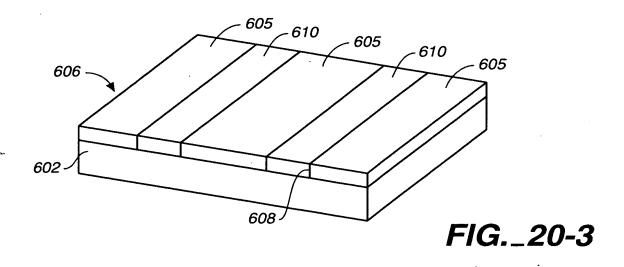


FIG.\_20-1





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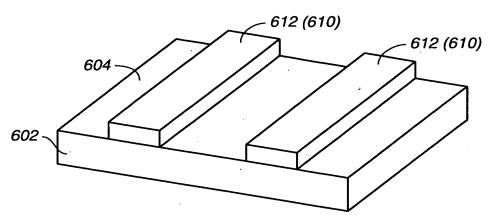


FIG.\_21-1

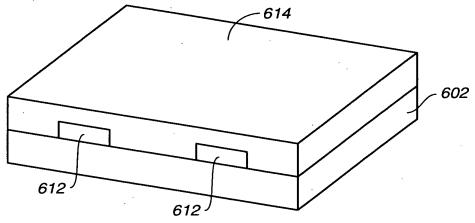


FIG.\_21-2

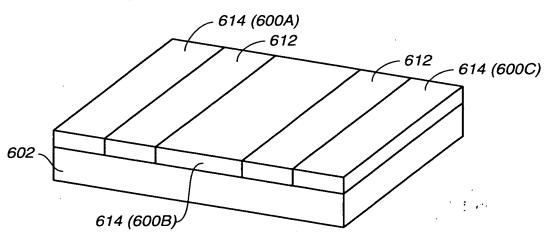


FIG.\_21-3

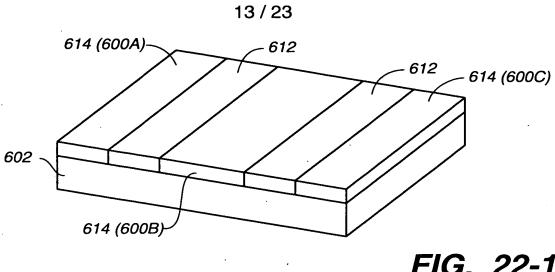


FIG.\_22-1

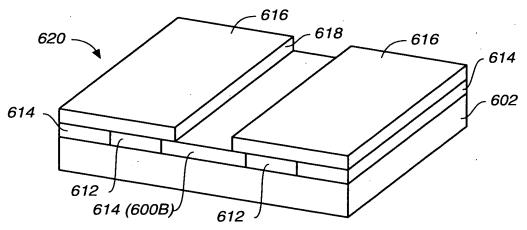
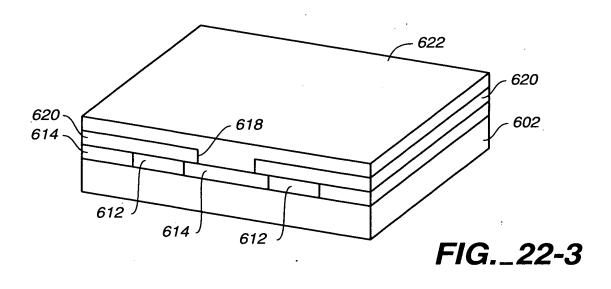


FIG.\_22-2



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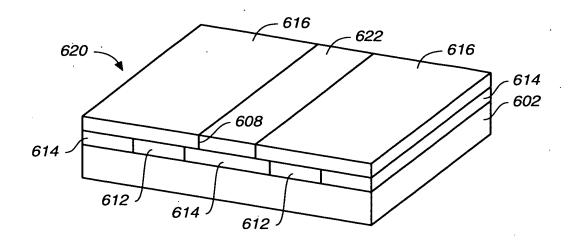
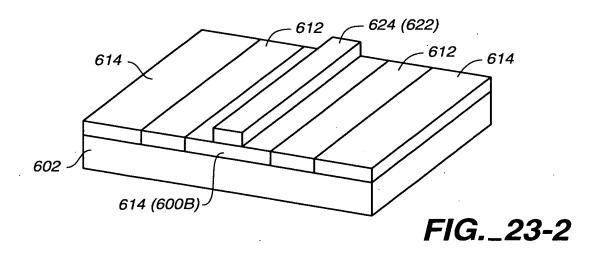
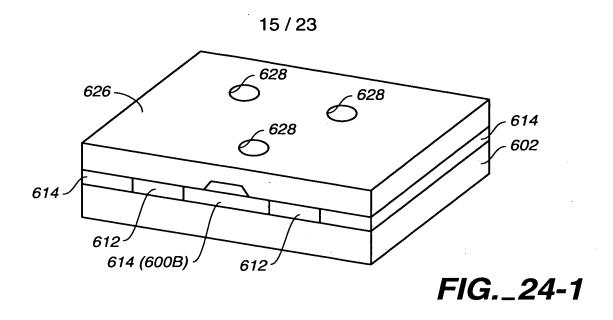
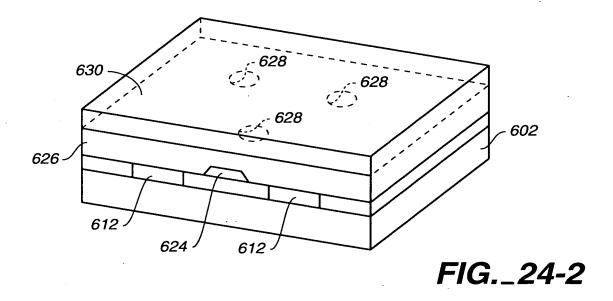
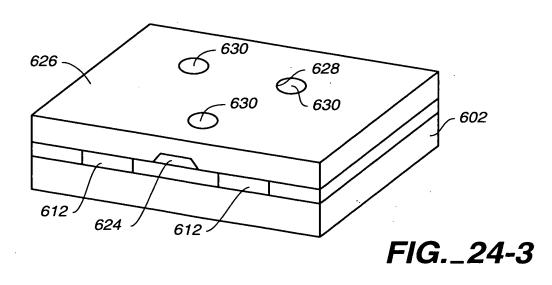


FIG.\_23-1









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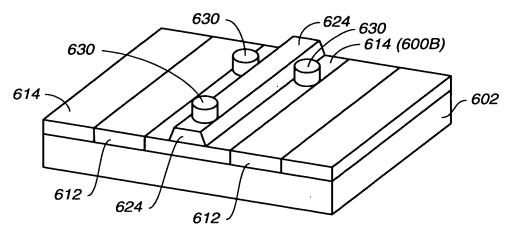


FIG.\_25-1

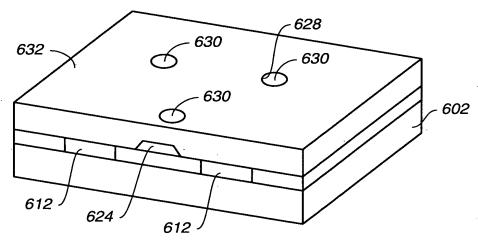


FIG.\_25-2

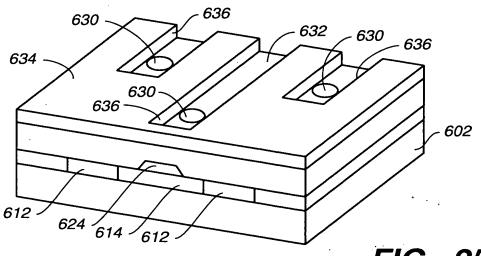


FIG.\_25-3

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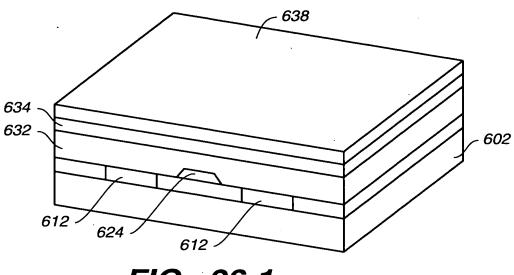


FIG.\_26-1

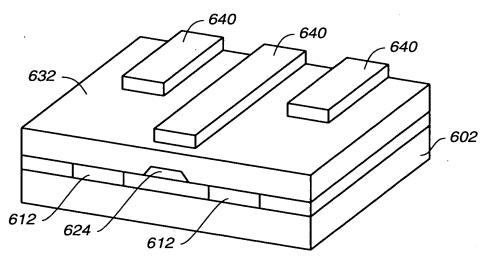


FIG.\_26-2

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FIG.\_27-1

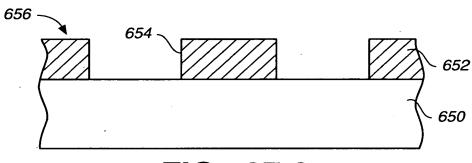


FIG.\_27-2

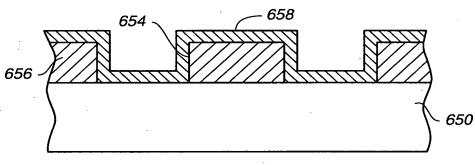


FIG.\_27-3

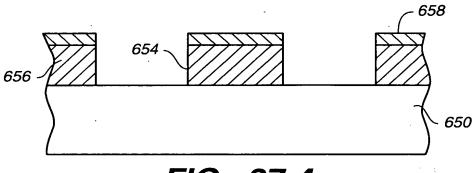


FIG.\_27-4

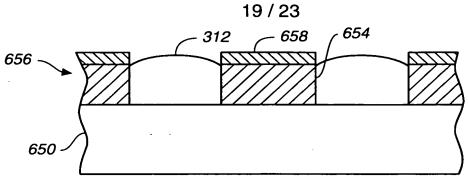


FIG.\_28-1

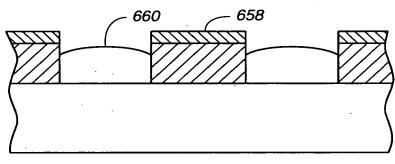


FIG.\_28-2

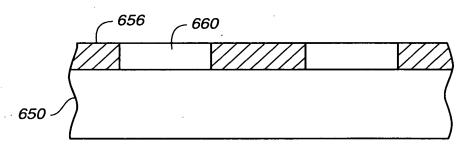


FIG.\_28-3

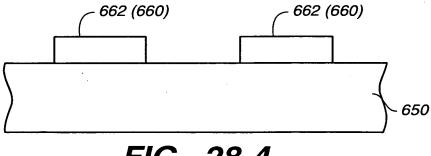


FIG.\_28-4

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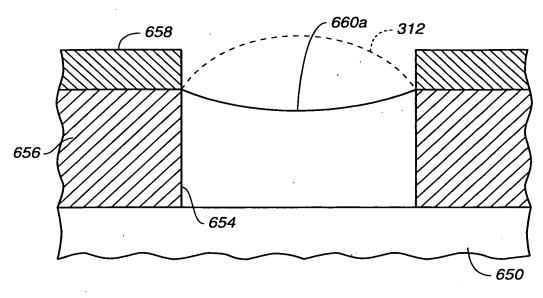
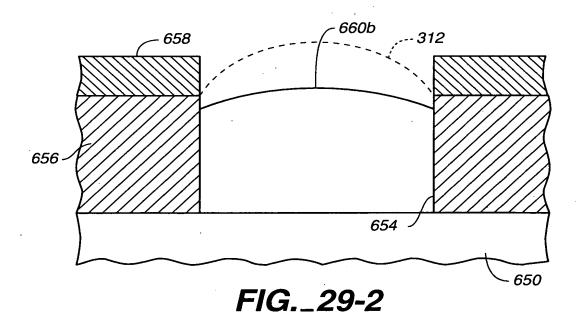
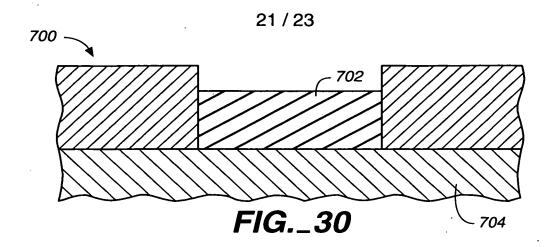
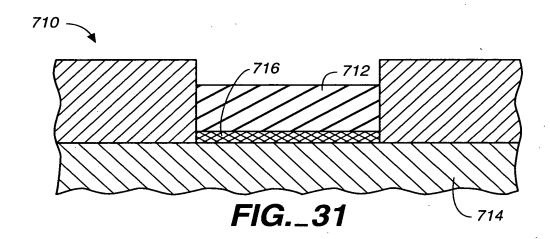
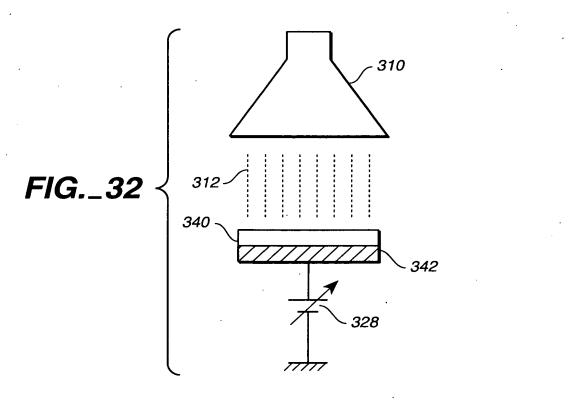


FIG.\_29-1









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